

DOOR SCHEDULE							
LABEL	QTY	SIZE	R/0	DESCRIPTION			
A	5	3'-0"×8'-0" R OUT	40" X 99"	HINGED FIBERGLASS			
В	5	3'-0" X 8'-0" L OUT	40" X 99"	HINGED FIBERGLASS			
٢	24	46" M HEIGHT PER OWNER	48" WIDE	STALL DOOR			
В	44	MASONRY OPEN	ING RO WIDTH	6 PER PLAN X 10'-0" HIGH			

### DISCLAIMER

TO THE BEST OF MY KNOWLEDGE THESE PLAN ARE DRAWN TO COMPLY WITH THE OWNER'S OR BUILDER'S SPECIFICATIONS AND AND ANY CHANGES MADE ON THEM AFTER PRINTS ARE MADE WILL BE DONE AT THE OWNER'S AND OR BUILDERS EXPENSE AND RESPONSIBILITY. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ENCLOSED DRAWING. ADAM PAZZAGLIA / ALUMINUM INNOVATIONS INC IS NOT LIABLE FOR ERRORS ONCE CONSTRUCTION HAS BEGUN. WHILE EVERY EFFORT HAS BEEN MADE IN THE PREPARATION OF THIS PLAN TO AVOID MISTAKES, THE MAKER CAN NOT GUARANTEE AGAINST HUMAN ERROR. THE CONTRACTOR OF THE JOB MUST CHECK ALL DIMENSIONS AND OTHER DETAILS PRIOR TO CONSTRUCTION AND BE SOLELY RESPONSIBLE THEREAFTER

#### GENERAL NOTES

180 MPH

1: THESE PLANS WERE PREPARED USING EXISTING FLORIDA BUILDING CODE 2010 EDITION

ALTERATION LEVEL 2. EXPOSURE C ASCE 7-10-2010 FBC BUILT TO WITHSTAND

2: TYPE OF CONSTRUCTION: CLASS V UNPROTECTED, GROUP R3 OCCUPANCY PER FLORIDA BUILDING CODE

3: CONSTRUCTION SHALL FOLLOW THE FLORIDA BUILDING CODE AND AS ADOPTED BY LOCAL COUNTY AMENDMENTS

4: BUILDER SHALL REVIEW DRAWINGS IN THEIR ENTIRETY BEFORE STARING WORK the BUILDER SHALL ACCEPT FULL RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS NOT REPORTED IMMEDIATELY IN MRITING TO THE ENGINEER / DESIGNER OF RECORD BACKCHARGES WILL NOT BE ACCEPTED.

5: DO NOT SCALE DRAWING WRITTEN DIMENSION TAKE PRECEDENT OVER SCALED

6: ALL MATERIALS TO BE INSTALLED AS PER BUILDING CODE AND PER MANF. FLORIDA PRODUCT APPROVAL

SITE PLAN / LOT CLEARING NOTES 1: THE ARCHITECTURAL SITE PLAN PLAN, IF PROVIDED IN THESE DOCUMENTS IS IS FOR GENERAL LOCATION OF THE HOUSE, POOL, DRIVEWAYS AND SITE FEATURES ONLY.

2: LICENSED SURVEYOR TO VERIFY BUILDING LOT FIT, LOT COVERAGE, EASEMENTS LOCATIONS, SET BACKS ALL SITE DIMENSIONS PRIOR TO PERMIT AND CONSTRUCTION

3: BEFORE ANY FILL IS BROUGHT IN A CORE SAMPLE OF EXISTING CONDITIONS BY A CERTIFIED ENGINEERING LOCATION AND DEPTH OF CORE SAMPLES DETERMINED BY ENGINEERING FIRM AND LOCAL MUNICIPALITIES

4: FILL PLACED WITHIN 5'-0" OF THE CONSTRUCTION PERIMETER SHALL CONSIST OF CLEAN WELL GRADED FILL IN 12" LIFTS MAX AND VIBRATORY COMPACTED TO TO ACHIEVE A MINIMUM OF 95% MODIFIED PROCTOR ASTM D 1557-02

4: BEFORE ANY FILL IS BROUGHT IN ALL GRUBBING AND CLEANING TO BE COMPLETED. ALL VEGETATION TO BE REMOVED

5: ALL FOOTING DESIGN BASED ON CLEAN COMPACTED FILL COMPACTED TO MIN 2500 PSF SOIL BEARING TEST RESULTS VERIFIED BY FL REGISTERED ENGINEER

### CONCRETE

1: CONCRETE SHALL CONFORM TO ASTM C-94-078A SHALL HAVE A MIX. WATER / CEMENT RATIO .06 AND SHALL COMPRESSIVE STRENGTH AS FOLLOW: BEAMS / COLUMNS -- 3000PSI SLABS ON GRADE / MONOLITHIC FTRS -- 2500PSI ALL WORK TO CONFORM TO ACI 301-72(75) AND ACI 318-77

2: MINIMUM CONCRETE COVER OVER REINFORCING STEEL 3" BOTTOM OF FTR 2" / 2" TOP OF FTR 3" SIDE OF FTR / COLUMNS 1 1/2"

3: CONCRETE SHALL ATTAIN MIN. VALUES AS STATED AGGREGATES TO BE CLEAN AND WELL GRADED AND MAX SIZE 1" CONC. SLUMP 4-6" ALL SLEEVES , PLUMBING BOLTS ECT TO BE IN PLACE AND SECURED BEFORE CONC. POUR

4: CONCRETE MATERIAL SHALL COMPLY WITH THE FOLLOWING STANDARDS: PORTLAND CEMENT -ASTM C150 / AGGREGATES-- ASTM C33, WATER -CLEAN AND POTABLE AIR ENTRAINING ADMIXTURE -ASTM C260 2% TO 4% WATER REDUCING ADMIXTURE - ASTM C494 CONCRETE SUPPLIER SHALL DETERMINE PROPER MIX FOR USE

5: AT OWNERS DISCRETION CONCRETE TESTING SHALL BE AS FOLLOWS SAMPLING ASTM-C172, / SLUMP-- ASTM C 143, ONE TEST PER LOAD, AIR CONTENT ASTM C31, ONE SET OF SPECIMEN COMPRESSIVE STRENGTH ASTM C39 ONE SET PER 50 CU YDS OR FRACTION THEREOF, FOUR CYLINDERS PER SET, CERTIFICATION FROM

CONCRETE SUPPLIER ACCEPTABLE

6: PLACE CONC IN CONTINUOUS OPERATION WITH PLANNED JOINTS OR SECTIONS. USING MECHANICAL AND OR HAND PRODDING AND TAMPING TOO INSURE THAT ALL CONC. IS WORKED AROUND ALL REINFORCEMENT AND OTHER EMBEDDED ITEMS.

7: FIBERMESH : FIBERS SHALL BE CERTIFIED AS A SUITABLE FOR MELDED MIRE MESH AND ADDED TO CONC. PER MANF. SPECS

MASONRY / BOND BEAM

1:MASONRY DESIGN PER NCMA 2: MASONRY CONSTRUCTION WILL COMPLY WITH

AST C476, ACI 530., ACI 315, NCMA

3: MATERIALS TO COMPLY WITH BLOCK - ASTM C90 PORTLAND CEMENT - ASTM C150 / AGGREGATE - ASTM C144 OR ASTM C404, LIME - ASTM C201 WATER CLEAN AND POTABLE GROUT ASTM C476

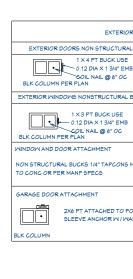
4: LAY WALLS IN RUNNING BOND, BOND AND INTERLOCK EACH COURSE AT CORNERS AND INTERSECTIONS. USE SPECIAL SHAPES AS REQUIRED

5: COMBINE AND MIX MORTAR CEMENT, LIME, WATER AND AGGREGATES FOR FIVE MINUTES MIN. IN MECHANICAL BATCH MIXER ADD WATER AS REQUIRED FOR WORKABILITY. RETEMPER WITH WATER AS REQUIRED FOR WORKABILITY DO NOT USE MORTAR WHICH HAS BEGUN TO SET OR OR 2 HOURS FROM INITIAL MIXING. DO NOT ADD HOLDING CURRENT WELDING CERTIFICATION AIR-ENTRAINING AGENTS TO MORTAR

6: CELL LINTELS AND BOND BEAMS WHERE SPECIFIED SHALL BE FILLED W/ 3000 PSI PEA GRAVEL CONCRETE

7: ADMIXTURES SHALL NOT BE PERMITTED W/O WRITTEN CONSENT FROM ENGINEER

PLUMBING NOTE (HB) HOSE BIBS IN EACH STALL PER OWNER AND THRU OUT BARN



# REINFORCING STEEL

1: ALL STEEL SHALL BE NEW HIGH STRENGTH BILLET STEEL DEFORMED AS PER ASTM A-305 CONFORMING TO ASTM A-615 GRADE 60. LAP BARS 48 BAR DIAMETERS. HOOK DISCONTINUOUS ENDS OF ALL BARS. ALL REINFORCING STEEL TO BE DETAILED AND FABRICATED IN ACCORDANCE WITH MANUAL OF STANDARD PRACTICE OF DETAILING REINFORCED CONCRETE

2: REINFORCEMENT SHALL BE CAREFULLY PLACED, RIGIDLY SUPPORTED AND WELL TIED WITH BAR SUPPORTS AND SPACERS

STRUCTURES AND ACI BUILDING CODE 318-83

3: DOWEL COLUMN AND WALL REINFORCING TO FOOTING WITH SAME SIZE AND NUMBER

OF DOWELS AS VERTICAL BARS ABOVE

4: REINFORCEMENT SHALL BE POSITIONED AND SUPPORTED IN ACCORDANCE WITH CRSI MANUAL FOR PLACING REINFORCING BARS

DOOR/WINDOWS

: ALL WINDOW / DOOR BUCKS TO HAVE 1/4" BEAD OF CAULK BETWEEN BUCK AND BLK

2: ALL OPENING TO BE HURRICANE PROTECTED EITHER DOOR / WINDOW BEING IMPACTED RATED OR SHUTTER SYSTEM TO BE INSTALLED.

3: ALL DOOR / WINDOWS / SHUTTER INSTALLED PER BUILDING CODE AND THEIR FLORIDA PRODUCT APPROVAL

4: EGRESS WINDOWS SHALL HAVE A MIN NET OPENING OF 24" HIGH 20" WIDE AND MIN. NET CLEAR UNOBSTRUCTED AREA OF 5.0 SQ FT. FIRST FLOOR AND 5.7SQ.FT. FOR SECOND FLOOR BOTTOM OF WINDOW NOT TO EXCEED 44" FROM FLOOR

5: ALL WINDOWS WITHIN 24" AND PARALLEL TO A DOOR SHALL BE TEMPERED. ALL WINDOWS OR GLASS ENCLOSURES AT OR WITH IN 36" OF TUBS AND SHOWERS WITH SILLS LESS THAN 60" ABOVE FLOOR SHALL BE TEMPERED. ALL GLASS IN SIDELIGHTS, SLIDING DOORS, AND FRENCH DOORS, SHALL BE TEMPERED

#### FRAMING

MANUAL AS PUBLISHED BY THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION. 2:ALL WOOD IN CONTACT TO BE PRESSURE

TREATED

1: STRUCTURAL WOOD AND TIMBER FRAMING

SHALL CORM TO THE TIMBER CONSTRUCTION

3: PLYMOOD SHEATHING AND DECKING SHALL BE APA APPROVED FOR SPANS AND EXPOSURE

REQUIRED 4:ALL STRUCTURAL LUMBER SHALL HAVE THE FOLLOWING MIN. VALUES UNLESS NOTED.

EXTREME FIBER STRESS IN BENDING Fb = 1200 PSI MIN. MODULUS OF ELASTICITY E= 1,6000,00 PSI MIN. HORIZONTAL SHEAR STRESS FV= 90PSI ( SOUTHERN PINE # 2 WITH MAX. MOISTURE CONTENT OF 19% OR EQUAL)

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## ELECTRIC PER N.E.C. 2008

1: ALL 120-VOLT SINGLE PHASE 15 AND 20 AMP BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINNING ROOMS, LIVING ROOMS, PARLORS LIBRARIES. DENS BEDROOMS, SUNROOMS RECREATION ROOMS, CLOSETS, HALLWAYS OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC- FAULT CIRCUIT INTERRUPTER COMBINATION - TYPE INSTALLED TO PROVIDE PROTECTION

OF THE BRANCH CIRCUIT ( NEC 210,12(B)) TAMPER - RESISTANT RECEPTACLES (NEC 406.11) ARE REQUIRED IN DWELLING UNITS IN ALL AREAS AS SPECIFIED IN 2008 NEC 210.52 ALL 125 VOLT . 15 AND 20 AMP RECEPTACLES

1: THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF THE ELECTRICAL WORK. ALL WORK SHALL BE DONE IN ACCORDANCE LATEST EDITIONS OF NATIONAL ELECTRIC CODE AND COMPLY WITH LOCAL RULES AND ORDINANCES

2: CONTRACTOR SHALL VERIFY EXACT LOCATION OF FIXTURES AND OUTLETS AT JOB SITE BEFOR3E ROUGHING-IN. CONTRACTOR SHALL VERIFY W/ FP&L EXACT LOCATION OF SERVICE AND LOCATE METER, DISCONNECT & PANEL

3: ELECTRICAL CONTRACTOR TO COORDINATE HVAC CONTRACTOR AS TO LOCATIONS, SIZE LOADS ECT. ALSO ELECTRICAL CONTRACTOR TO COORDINATE WITH ALL OTHER TRADES AS TO AVOID CONFLICTS.

4: ELECTRIC CONTRACTOR TO PROVIDE ALL FITTINGS, WIRES, RACEWAYS, JUNCTION BOXES, ECT. NECESSARY TO COMPLETE JOB

5: LIGHT FIXTURES, PADDLE FANS, AND APPLIANCES TO BE INSTALLED BY ELE CTRICAL CONTRACTOR PER PLAN AND MANUFACTURES SPECS. AND PER OWNER LOCATIONS

6: UNLESS NOTED MIN WIRE SIZE #12 AMG

7: UNLESS OTHERWISE NOTED, ALL CONDUCTORS SHALL BE COPPER WITH "TW" INSULATION FOR SIZE #10 AND SMALLER. CONDUCTORS LARGER THAN #10 SHALL HAVE "THW" INSULATION. ALL CONDUCTORS #10 AND SMALLER MAY BE SOLID. ALL CONDUCTORS #8 AND LARGER SHALL BE STANDARD.

9: VERTICAL REINFORCING STEEL SHALL HAVE MIN CLEARANCE OF 3/8" FROM MASONRY. CELLS OF BLK TO MAINTAIN A UNOBSTRUCTED CELL 3" X 5"

10: VERTICAL STEEL PLACE AS PER PLAN

8: ASTM A615-03 PER REINFORCING SECTION

11: VERTICAL REINFORCING EACH SIDE OF ANY OPENING, IF REQUIRED, SHALL BE CONT. TO TIE BEAM. PRECAST LINTELS SHALL HAVE OPENINGS TO ALLOW REINFORCING BARS TO CONTINUE UNINTERRUPTED

12: ALL REINFORCING STEEL INSTALLED AS PER PLAN

14: HORIZONTAL JOINT REINFORCEMENT SHALL CONSIST OF AT LEAST 9 GAUGE LADDER TYPE REINFORCEMENT SPACE NOT BE MORE THAN 16" OC

15: CLEANOUT OPENING SHALL PROVIDED AT THE BOTTO OF GROUTED CELLS AT EACH LIFT. CLEANOUT SHALL BE SEALED BEFORE GROUTING.

16: GROUT SHALL BE PLACED IN LIFTS NOT TO EXCEED 8'-0

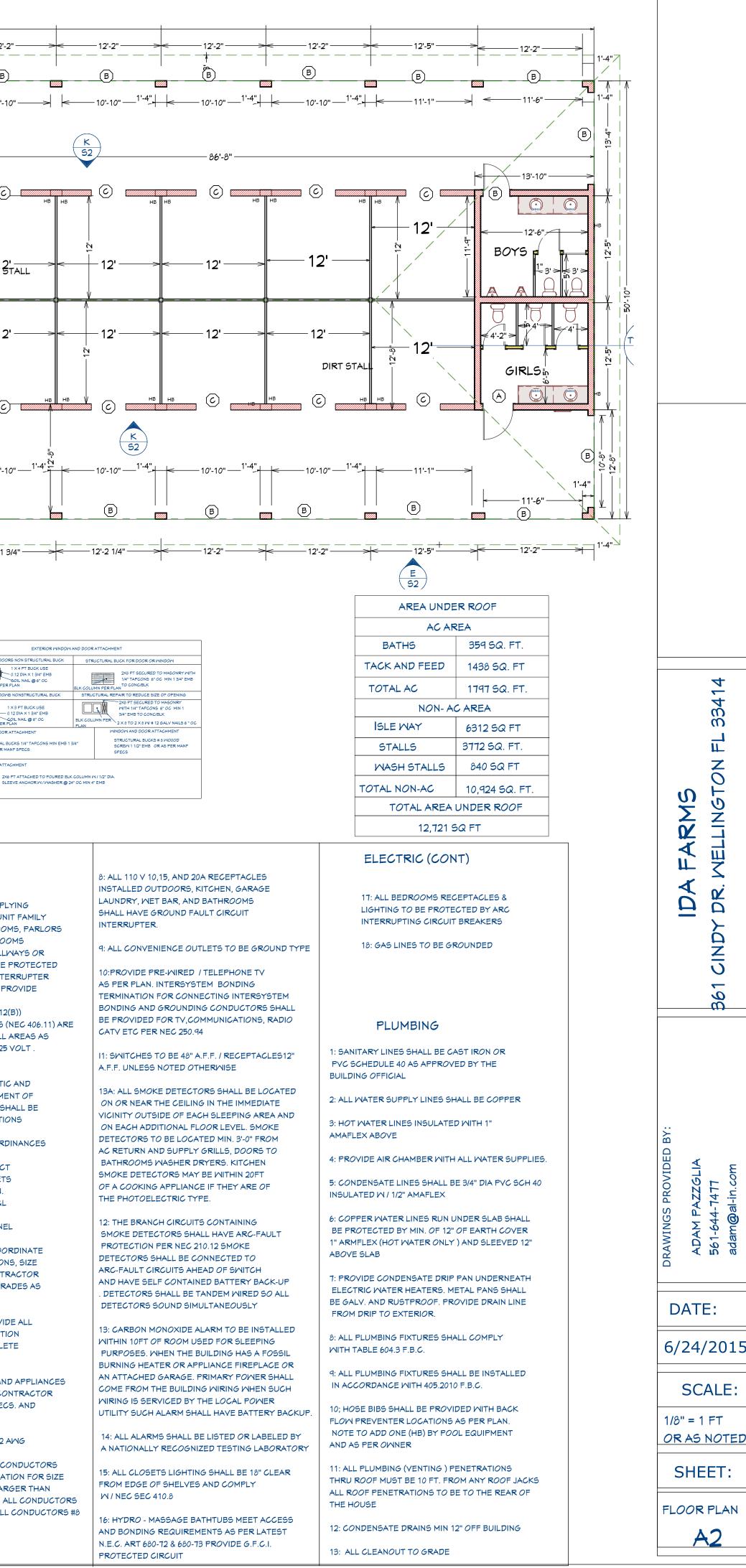
17: BEAM AND LINTELS SHALL HAVE A 8" MIN BEARING UNLESS NOTED DIFFERENTLY

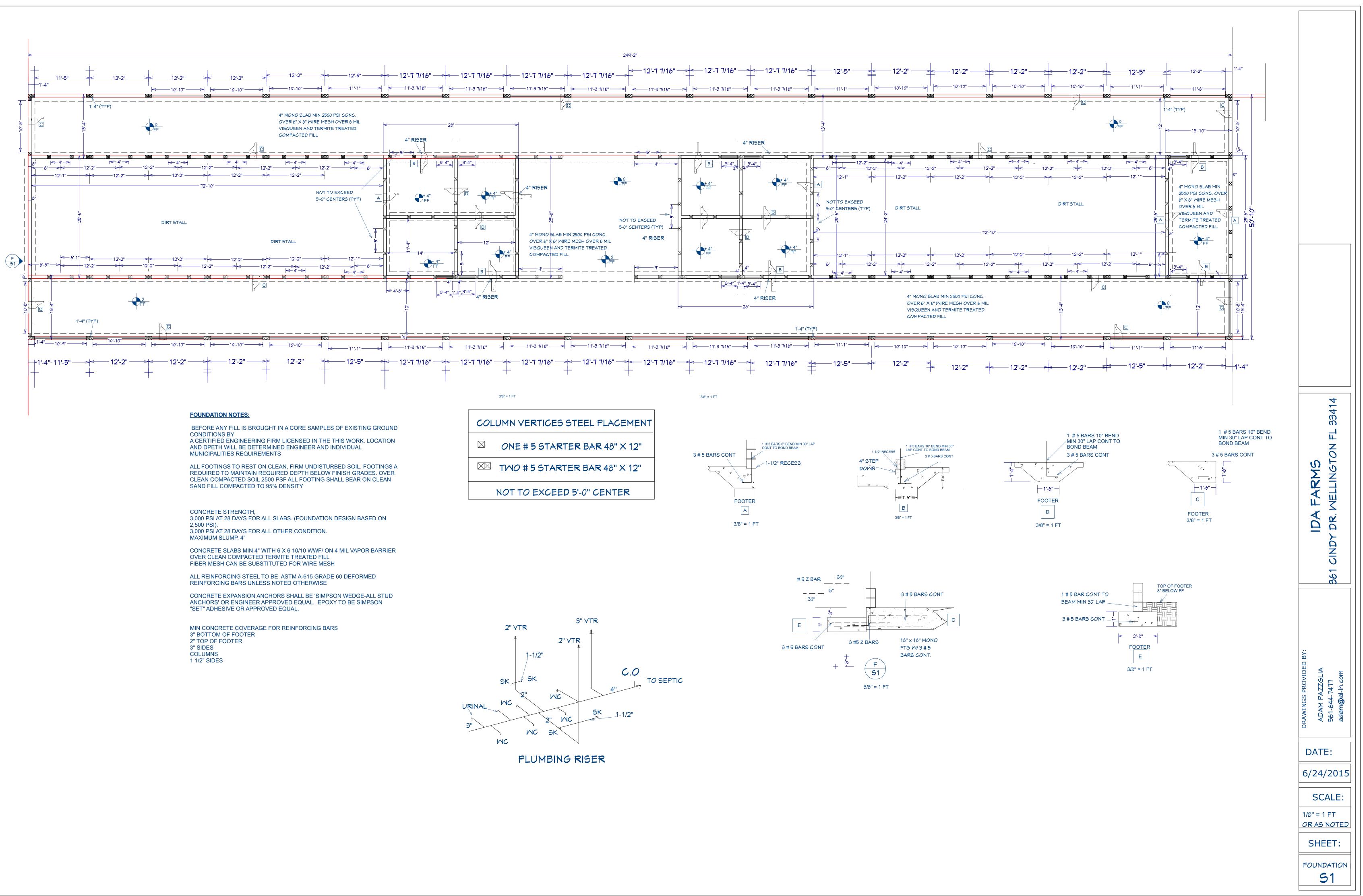
18: MASONRY SHALL CURE 24 HOURS BEFORE PUMPING CONCRETE / GROUT

STRUCTURAL STEEL 1: STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 AND SHALL BE DETAILS AND ERECTED IN ACCORDANCE WITH THE LATEST AISC SPECIFICATIONS. ALL

TUBE COLUMNS AND BEAMS SHALL BE ASTM A5500 (FY=46KSI)

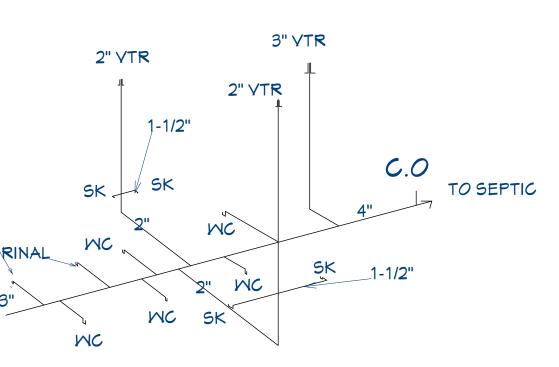
2: ALL WELDING SHALL CONFORM WITH A.W.S. AND AISC SPECIFICATIONS AND IS TO BE ACCOMPLISHED BY CERTIFIED WELDERS

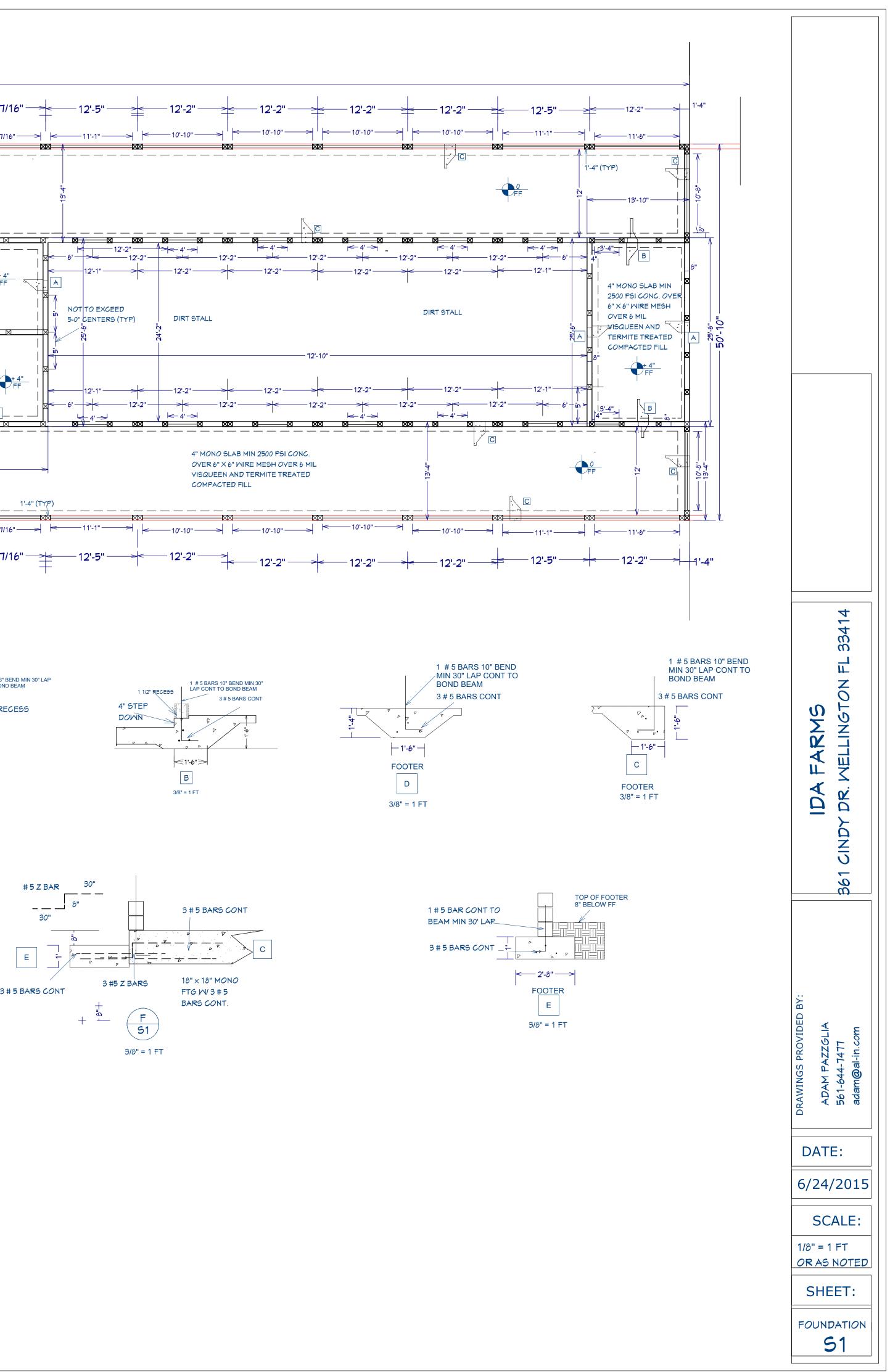


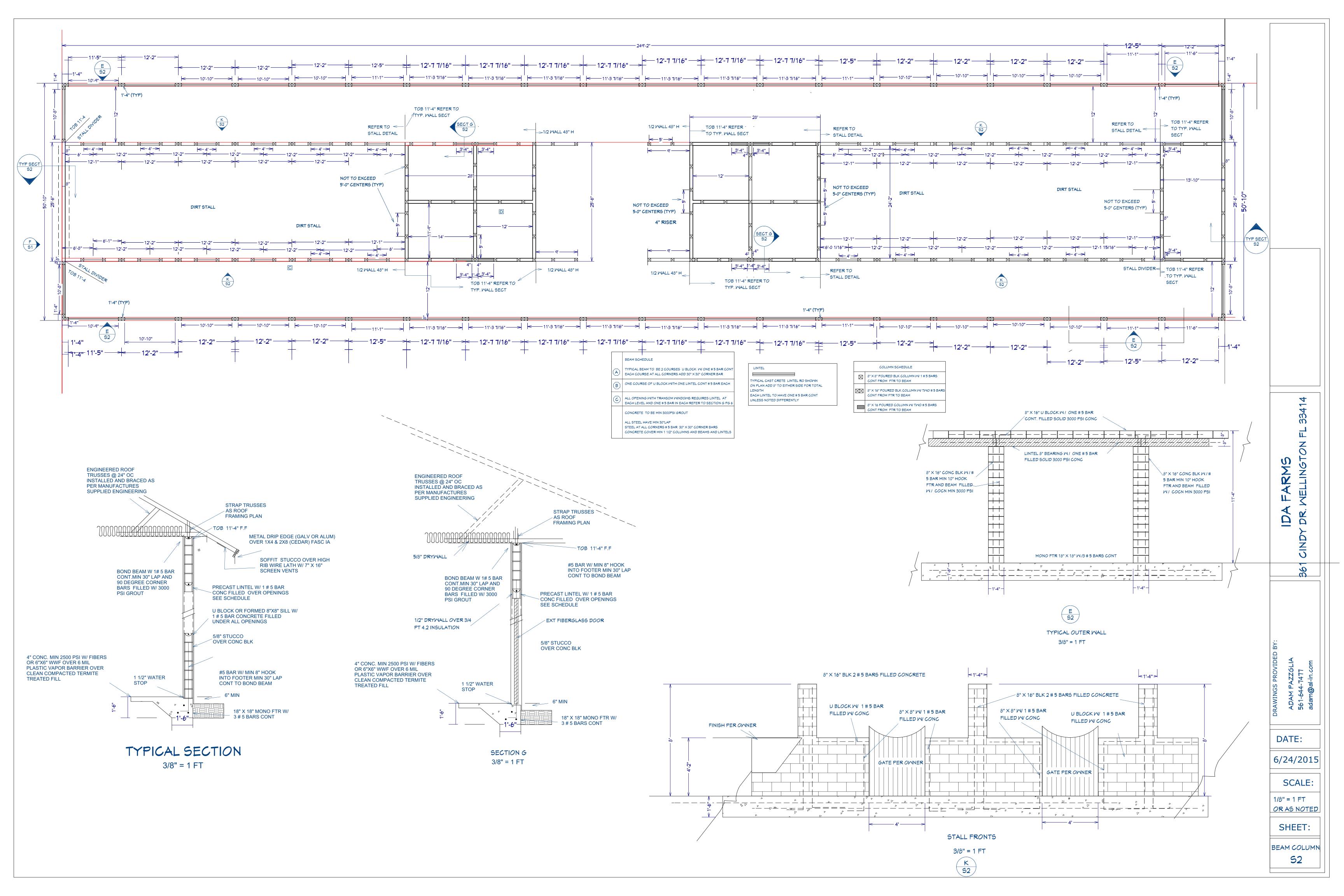


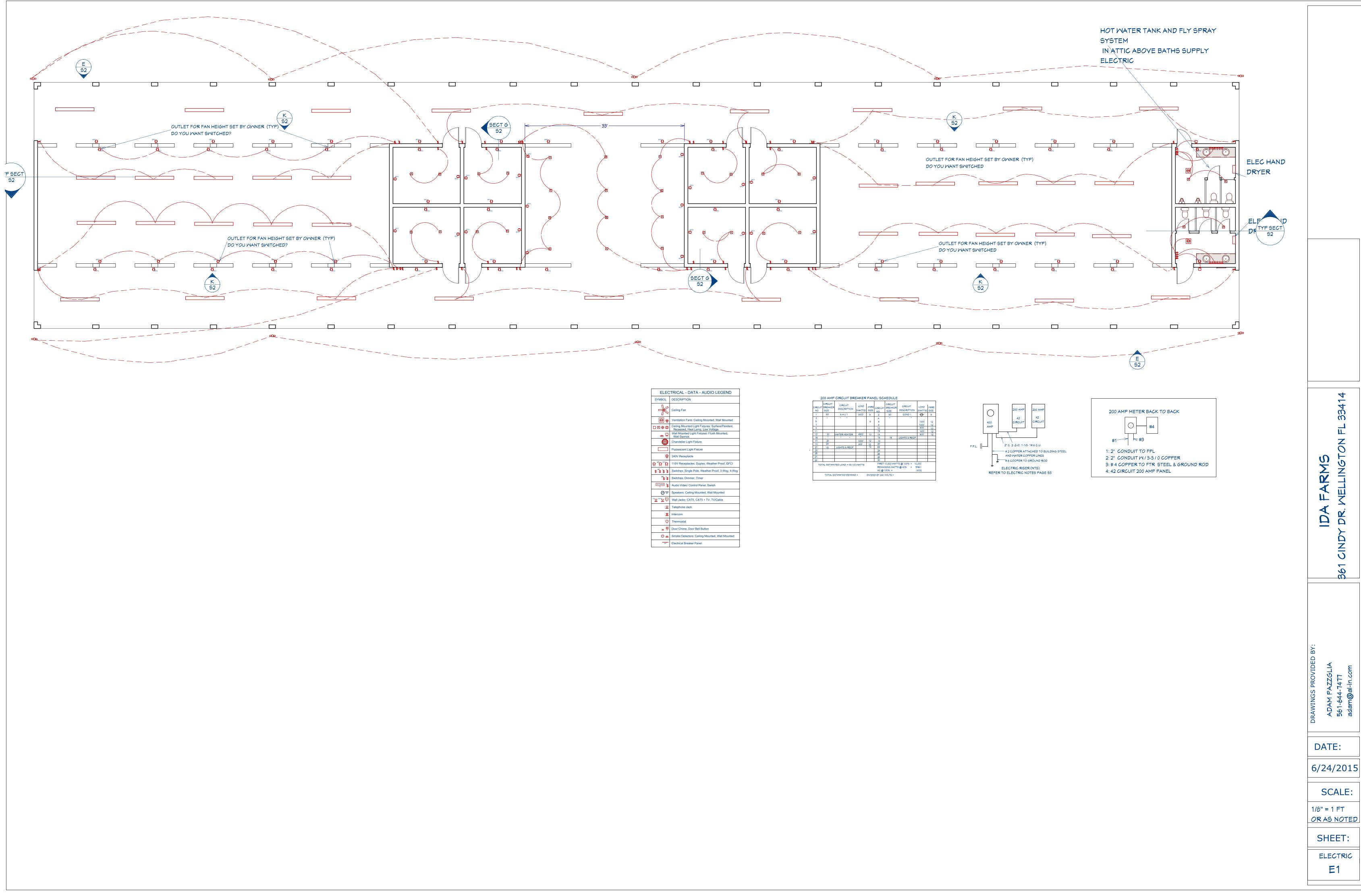




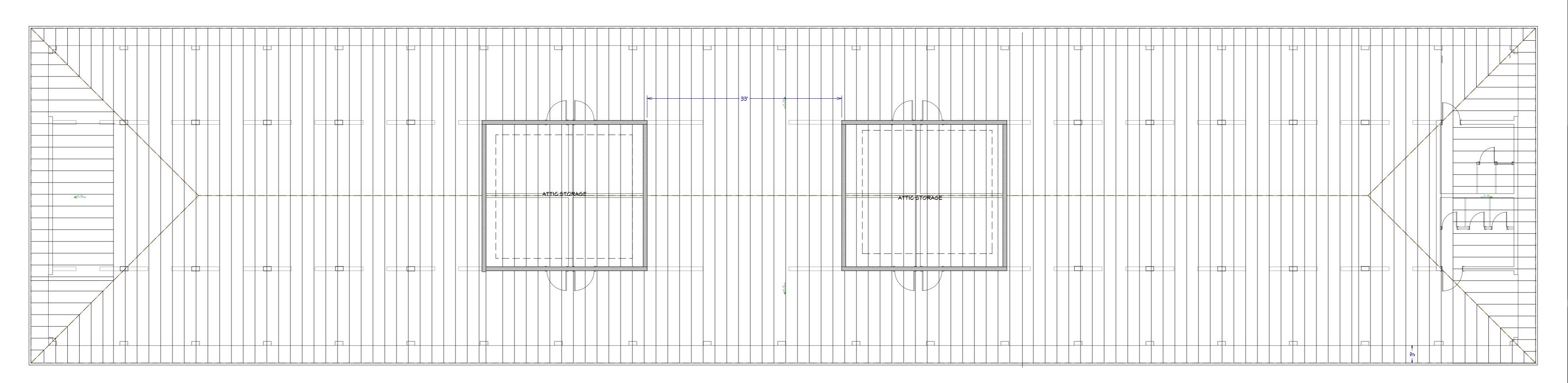






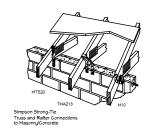


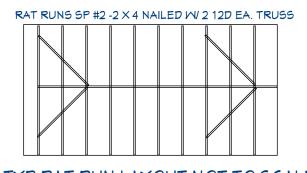
PLEASE NOTE TRUSS SPAN THE 50'-10" WITH OUT BEARING ON CENTER WALLS INTERIOR BEARING



	CONNECTOR MANF: USP	TRAP SCHEDULE	ALLOWABLE UPLIFT		PERP. TO TRUSS F1		PARALLEL TO TRUSS F2		
MARK			SINGLE STRAP	DBL STRAP	SINGLE STRAP	DBL STRAP	SINGLE STRAP	DBL STRAP	FL P <b>R</b> APPROVAL
A	HTA 16 THRU 48	1010D X 1-1/2" GALV	1615	3200	590	1180	660	1180	FL 859
В	TA 14 THRU 36	1010D X 1-1/2" GALV	1205	2410	245	490	335	670	
~~~	FOLLOWING CONN MANF: SIMP								
$\bigcirc$	HETA 16 THRU 40	1010D X 1-1/2" GALV	1810		340		725		FL 14473
D	HHETA 16 THRU 40	1010D X 1-1/2" GALV	2235		340		815		FL 14473
Ē	H16	210D X 1-1/2" GALV TO TRUSS	1470						FL 11470
		6-1/4" X 2 1/4" TITEN CONC. SCREMS TO BLK							
F	HSTM 16 20	1010D X 1 1/2" GALV TO TRUSS	1175		235				
		4-1/4" X 2 1/4" TITEN CONC. SCREWS TO BLK					90		
G	FGTR	TO TRUSS 18-SDS 1/4" × 3" TO BLK (FILLED) 2-1/2" × 5" TITEN HD FASTENERS ARE PER	5000	9400					
F	MTS 12 THRU 30	ANCHOR 14 10D X 1 1/2" GALV NAILS TRUSS TO WOOD STUD	1000		860		860		
	HTS 20 THRU 30	24 10D X 1 1/2" GALV NAILS TRUSS TO WOOD STUD	1450						
	LGT2 2 PLY	14-16D SINKERS STUD 16-16D SINKERS GIRDER	2050						

TRUSS LOADING					
	ROC	۶F			
TOP LIVE LC	AD	30 PSF			
TOP DEAD L	OAD	15 PSF			
BOTTOM DE	AD LOAD	10 PSF			
TOTAL = 50 PSF					
DUR. FACTO SPACING	R	1.33 24"			
		2010 FBC			
WIND	BUIL 180 N	T TO WITHSTAND /IPH			
DEFLECTION	l	L/360 MAX			
ROOF	SHEATHIN ALL AF	NG AND NAILING EAS			
SHEATHING 19/32 A 20EXP		PA RATED 40/ DSURE CDX PLYWOOD			
NAILING	C EDGES C FIELD				
TYPE		10D GALV SPIRAL SHANK NAILS			





TYP RAT RUN LAYOUT NOT TO SCALE RAT RUNS 8' OC MAX TRUSS BRACING AS PER HIB-91 AND ENGINEERING PROVIDED BY TRUSS CO.

**15** GTON FL 33414 FARM: IDA DR. V  $\mathbf{r}$ 361 CINDY Δ ADAM PAZZGLIA 561-644-7477 adament in 2000 S DATE: 6/24/2015 SCALE: 1/8" = 1 FT OR AS NOTED SHEET: ROOF **R** 1